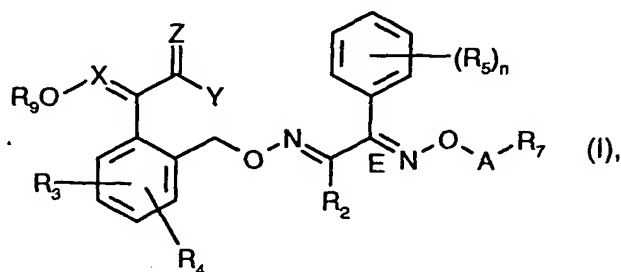


Process for the preparation of pesticides

Abstract

The invention relates to a process for the preparation of compounds of the formula



or, if appropriate, a tautomer thereof, in each case in the free form or in salt form, in which A , X , Y , Z , R_2 , R_3 , R_4 , R_5 , R_7 , R_9 and n are as defined in claim 1 and the $C=N$ double bond marked with E has the E configuration, which comprises

- a1) reacting either a compound of the formula (II) mentioned above with a compound of the formula (III) mentioned above, in which X_1 is a leaving group, or
- a2) a compound of the formula (IV) mentioned above, if appropriate in the presence of a base, with a compound of the formula (V) mentioned above, or
- b1) reacting a compound of the formula (VI) mentioned above with a compound of the formula R_7-A-X_2 (VII), in which X_2 is a leaving group, and either further reacting the compound thus obtainable, of the formula (IV), for example according to method a2), or
- b2) reacting it with hydroxylamine or a salt thereof, if appropriate in the presence of a basic or acid catalyst, and further reacting the compound thus obtainable, of the formula (II), for example according to method a1), or
- c) reacting a compound of the formula (VIII), mentioned above with a C_1 - C_6 alkyl nitrite and further reacting the compound thus obtainable, of the formula (VI), for example according to method b), the E isomers of the compounds of the formulae (II), (IV) and (VI), a process for their preparation and their use for the preparation of compounds of the formula (I).